














## Rock Support Book Page

version                      English                      German

### **Sprayed Concrete for Rock Support : 8th edition August 2000**

**Tom Melbye & Knut Garshol**

*The definitive guide to sprayed concrete*

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## **Spritzbeton für die Felssicherung: 8th edition August 2000**

**Tom Melbye & Knut Garshol**

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last updated 3.12.  
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00970440 PETROLEUM ABSTRACTS NO.: 708673

**NUMERICAL SIMULATIONS OF WIND FORCES ON TROLL B  
FURNES G K  
NORSK HYDRO ASA**  
MAR STRUCT V 11, NOS 7-8, PP 273-289, AUG-SEPT 1998 (ISSN 09518339;  
COLOR; 5 REFS)  
1998  
ISSN: 0951-8339  
LANGUAGE: ENGLISH

... the "two-equation" renormalization group k-epsilon formulation. The equations are solved on an unstructured \*\*mesh\*\* using a control-volume based technique. The model is forced by prescribing wind velocity and...

... open boundary where the vertical wind profile is designed to fit experimental data from wind \*\*tunnel\*\* tests. A no-slip boundary condition is applied at the sea surface and at the...

... forces are computed for various wind directions. The results are compared with data from wind \*\*tunnel\*\* experiments of Troll B. (c1999 Elsevier Science Ltd...

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00934760 PETROLEUM ABSTRACTS NO.: 674428

**WIND LOADS ON SHIPS AND OFFSHORE STRUCTURES ESTIMATED BY CFD  
(COMPUTATIONAL FLUID DYNAMICS)**  
AAGE C; LEER-ANDERSEN M; HVID S L; HUGHES P H  
DENMARK TECH UNIV; DANISH MARITIME INST; MAN B&W DIESEL A/S  
8TH BEHAV OF OFFSHORE STRUCT INT CONF (BOSS 97) (DELFT, NETH, 7/7-10/97)  
PROC V 2, PP 237-251; PERGAMON, 1997 (ISBN 0-08-042832-0; 8 REFS)  
1997  
ISBN: 0-08-042832-0  
LANGUAGE: ENGLISH

... semisubmersible offshore platform have been estimated by CFD. The results have been compared with wind \*\*tunnel\*\* model tests and, for the ferry, a few full-scale measurements, and good agreement is...

... CFD method offers the possibility of a computational estimate of scale effects related to wind \*\*tunnel\*\* model testing. An example of such an estimate on the ferry is discussed. Due to the time involved in generating the computational \*\*mesh\*\* and in computing the solution, the CFD method is not at the moment economically competitive to routine wind \*\*tunnel\*\* model testing

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00641949 PETROLEUM ABSTRACTS NO.: 387367

**PIPELINES CROSS NORWEGIAN TRENCH**  
ENG NEWS-REC V 215, NO 4, PP 22-24, 7/25/85 (ISSN 0013807X)  
1985  
ISSN: 0013-807X  
LANGUAGE: ENGLISH

... deep trench twice. One lands on the rocky western coast of Karmoy Is.

and then **\*\*tunnels\*\*** under 3 fjords to a processing terminal at Karsto.  
Another one emerges from the terminal...

... coated pipes with asphalt reinforced by 3 layers of glass fiber material. Workers wrapped wire **\*\*mesh\*\*** around the coated pipe and sprayed on 5 in. of concrete. That armor is designed...  
?